



RAW SEQUENCE LISTING **ERROR REPORT**

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Application Serial Number: 10/624,201
Source: OIPF
Date Processed by STIC: 8/1/2003

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

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<http://www.uspto.gov/web/offices/pac/checker>

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Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/efb/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
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Revised 04/24/2003



OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/624,201

DATE: 08/01/2003
TIME: 14:26:58

Input Set : A:\Is1711.app
Output Set: N:\CRF4\08012003\J624201.raw

3 <110> APPLICANT: Hannapel, David J.
4 Chen, Hao
5 Rosin, Faye M.
7 <120> TITLE OF INVENTION: POTATO TRANSCRIPTION FACTORS, METHODS OF USE THEREOF,
8 AND A METHOD FOR ENHANCING TUBER DEVELOPMENT
10 <130> FILE REFERENCE: 82162/171
12 <140> CURRENT APPLICATION NUMBER: US/10/624,201
13 <141> CURRENT FILING DATE: 2003-07-21
15 <150> PRIOR APPLICATION NUMBER: 60/397,423
16 <151> PRIOR FILING DATE: 2002-07-19
18 <160> NUMBER OF SEQ ID NOS: 28
20 <170> SOFTWARE: PatentIn Ver. 2.1

ERRORED SEQUENCES

522 <210> SEQ ID NO: 7
523 <211> LENGTH: 2103
524 <212> TYPE: DNA
525 <213> ORGANISM: Solanum tuberosum
527 <400> SEQUENCE: 7

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530 ctcatcatga tgatcatcaa ggctcgtggc atcacgataa taacagaaca ttacttggtg 180
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544 ttctccgcgc ttggctcttt gaacactttc ttcacccgta cccaagtgtg gttgataaac 1020
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547 aagaaaatgt tggatctcca gatggatcaa aagccctaag tgatgacatg acaattcatc 1200
548 aatcacacat tgatcatcat caagctgatc aaaagccaaa tcttgtaaga attgactctg 1260
549 aatgcatatc ttccatcata aatcatcaac ctcatgagaa aaatgatcaa aactatggag 1320

Does Not Comply
Corrected Diskette Needed

see
error
Explanation
on p. 4

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550 taattagagg tggagatcaa tcgtttggcg cgattgagct agatttttca acaaatattg 1380
551 cttatggtac tagtggtggt gaccatcatc atcatggagg ggggtgttct ttaacattgg 1440
552 gattacaaca acatggtgga agtggtggat catcaatggg gttactaca tttcatcac 1500
553 aaccatctca taatcaaagt tcactttttt atccaagaga tgatgatcaa gttcaatatt 1560
554 catcactttt ggatagtga aatcagaatt tgccatag aaaccttgat gggggcaca 1620
555 cttcttcacg atttggtcgg ttaaaaaatg acagagattc ttcattttgg accttattat 1680
556 atactctaata ttaatatata attggtgatg aatgatgata aaaaaaaaaa aaaaaaaaaa 1740
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E--> 559 ggtcctcgtg tttcatctca atttctttca tttatctatc gttttgcctt nttttatgta 1920
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563 ggt 2103

849 <210> SEQ ID NO: 11

850 <211> LENGTH: 2128

851 <212> TYPE: DNA

852 <213> ORGANISM: Solanum tuberosum

854 <400> SEQUENCE: 11

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857 caacagcaac aacagagtat tagtagtggt cctttgagtt ctaagtacat gaaggctgca 180
858 caagagctac ttgatgaagt tgtaaatggt ggaaaatcaa tgaaaagtac taatagtact 240
859 gatgttggtg ttaataatga tgtcaagaaa tcgaagaata tgggcgatat ggacggacag 300
860 ttagacggag ttggagcaga caaagacgga gctccaacaa ctgagctaaq tacaggggag 360
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863 ggcattggat cagcaaaaac atatacagca ttggctttgc agacgatttc gaagcaattt 540
864 aggtgtctta aggacgcgat aattggtcaa atacgatcag caagccagac gttaggcgaa 600
865 gaagatagtt tgggagggaa gattgaaggt tcaaggctta aatttgttga taatcagcta 660
866 agacagcaaa gggctttgca acaattggga atgatccagc ataagtcttg gagacctcag 720
867 agaggattgc ccgaacgagc tgtttctggt cttogcgctt ggctttttga acatttcttc 780
868 catccttacc ccaaggattc agacaaaatg atgctagcaa aacaaacagg actaactagg 840
869 agtcagggtg cgaattggtt catcaatgct cgagttcgct tttggaagcc aatggtggaa 900
870 gagatgtact tggaagagat aaaagaacac gaacagaatg ggttgggtca agaaaagacg 960
871 agcaaatagg gtgaacagaa cgaagattca acaacatcaa gatccattgc tacacaagac 1020
872 aaaagccctg gttcagatag ccaaaacaag agttttgtct caaaacagga caatcatttg 1080
873 cctcaacaca accctgcttc accaatgccc gatgtccaac gccacttcca taccctatc 1140
874 ggtatgacca tccgtaatca gtctgctggt ttcaacctca ttggatcacc agagatcgaa 1200
875 agcatcaaca ttactcaagg gagtccaaag aaaccgagga acaacgagat gttgcattca 1260
876 ccaaacagca ttccatccat caacatggat gtaaaagccta acgaggaaca aatgtcgatg 1320
877 aagtttggtg atgataggca ggacagagat ggattctcac taatgggagg accgatgaac 1380
878 ttcatgggag gattcggagc ctatcccatt ggagaaattg ctoggtttaq caccgagcaa 1440
879 ttctcagcac catactcaac cagtggcaca gtttctacta ctcttggcct accacataac 1500
880 gaaaacctct caatgtctgc aacacaccac agtttctctc caattccaac acaaaacatc 1560
881 caaattggaa gtgaaccaa tcattgattt ggtagcttaa acacaccaac atcagctcac 1620
882 tcaacatcaa cgtctctatg aaccttcaac attcagaaca gaaagaggtt cggcgacccc 1680
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884 cttctgtcgc taaacaagga catgatttag cgacagataa cttcagtcgc taacttagcg 1800

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885 actgaaaact tctgtcgcta agcatgaaca tgtattagcg acatacagta tgcaactgta 1860
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887 aaaaaatcca tgttttagta tattgtttct cattctatca tatcatggta gtgtaaagaa 1980
888 tcaagaaaca agttttacat agtaacagtc tttatacatt ggagatgaag aaccatttaa 2040
E--> 889 gttottcaaa atagatagat tttctagggt acttctaaaa gatatatata tggttgaggg 2100
890 tttgtatatt aaaaaaaaaa aaaaaaaaaa 2128

0
p.4

VARIABLE LOCATION SUMMARY
PATENT APPLICATION: US/10/624,201

DATE: 08/01/2003
TIME: 14:26:59

error explanation

Input Set : A:\Is1711.app
Output Set: N:\CRF4\08012003\J624201.raw

Use of n's or Xaa's (NEW RULES):

Use of n's and/or Xaa's have been detected in the Sequence Listing.

Use of <220> to <223> is MANDATORY if n's or Xaa's are present.

in <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

Seq#:7; N Pos. 5,1768,1780,1783,1785,1794,1802,1805,1811,1813,1818,1831

Seq#:7; N Pos. 1862,1869,1872,1896,1911,1926,1932,1960,1967,1988,2002,2022

Seq#:7; N Pos. 2034,2036,2039,2041,2049,2057,2068,2072,2076,2091

Seq#:11; N Pos. 2078

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/624,201

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Input Set : A:\Is1711.app

Output Set: N:\CRF4\08012003\J624201.raw

L:12 M:270 C: Current Application Number differs, Replaced Application Number

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:528 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:7

M:340 Repeated in SeqNo=7

L:889 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:11